Application No.: 10/516,390 Docket No.: 15115/141001

## AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

- 1. (Currently Amended) An optical switch, comprising: including
  - at least three input and output optical paths in total, wherein a and performing the changeover of the optical paths occurs by changing a [[the]] combination of an [[the]] input optical path and an [[the]] output optical path which transmit light to each other; [[,]]
  - a first region in which a front surface of a mirror member comprising a front surface, wherein the mirror member which is movable relative to the input optical path and the output optical path, and wherein the front surface is allowed to face the input optical path and the output optical path; thus forming
  - a first region comprising a pair of light reflection surfaces that which cross each other with a given angle; [[,]] and
  - a second region in which a comprising plural pairs of light reflection surfaces are formed in a state such that the neighboring light reflection surfaces cross each other with the given angle[[s]],
  - wherein the first region and the second region are arranged [[in]] on the front surface of the mirror member and along the moving direction of the mirror member.
- 2. (Currently Amended) <u>The</u> [[An]] optical switch according to claim 1, wherein the optical switch includes an actuator for moving the mirror member.
- 3. (Currently Amended) The [[An]] optical switch according to claim 1, wherein portions of the input optical path and the output optical path which face the front surface of the mirror member are integrally formed with each other.
- 4. (Currently Amended) The [[An]] optical switch according to claim 1, wherein
  - [[a]] light which is radiated from some input optical path[[s]] among the plurality of input optical paths is incident on some output optical path among the plurality of output optical paths by being reflected on the light reflection surfaces formed in the first region, and

199039-1

Application No.: 10/516,390 Docket No.: 15115/141001

[[a]] light which is radiated from another input optical path[[s]] is incident on another output optical path by being reflected on the light reflection surfaces formed in the first region,

- while [[a]] light which is radiated from some input optical path[[s]] among the plurality of input optical paths is incident on another output optical path among the plurality of output optical paths by being reflected on the light reflection surfaces formed in the second region, and
- [[a]] light which is radiated from another input optical path[[s]] is incident on some output optical path by being reflected on the light reflection surfaces formed in the second region.
- 5. (Currently Amended) The [[An]] optical switch according to claim 1, wherein the optical switch includes means which monitors which [[one]] of the first region and the second region among the front surface of the mirror member faces the input optical path and the output optical path.
- 6. (Currently Amended) The [[An]] optical switch according to claim 1, wherein a spatial optical path length from a position where the light radiated from the input optical path is radiated from the input optical path to a position where the light is incident on the output optical path after being reflected on the light reflection surface in the first region is set equal to a spatial optical path length from a position where the light radiated from the input optical path is radiated from the input optical path to a position where the light is incident on the output optical path after being reflected on the light reflection surface in the second region.
- 7. (New) The optical switch according to claim 1, wherein the first region and the second region are integrally formed on the mirror member.

199039-1